Abdel-Wahab, H., Stoica, I., Sultan, F. and Wilson, K.
A Simple Algorithm for Computing Minimum Spanning Trees in the Internet, 101:47

Abdennadher, A.
See Ghribi, S.

Abe, T.
See Shibata, T.

Aguilar, J. and Gelenbe, E.
Task Assignment and Transaction Clustering Heuristics for Distributed Systems, 97:199

Ahmed, C. B. and Boudriga, N.
Reducing Network Latency and Server Load in Hypermedia Systems, 102:1

Ahmed, K. M.
See Ahmed, M. A.

Ahmed, M. A., Belal, A. A., and Ahmed, K. M.
Optimal Insertion in Two-Dimensional Arrays, 99:1

Ajroud, H. B. and Jaoua A.
Automatic Architectural Abstraction, 96:107

Alkhamees, Y. and Mordeson, J. N.
Fuzzy Localized Subrings, 99:183

Antoniou, G. and Williams, M.-A.
Reasoning with Incomplete and Changing Information: The CIN Project, 99:83

Bagchi, A.
See Pal, N. R.

Bagherzadeh, N.
See Latifi, S.

Belal, A. A.
See Ahmed, M. A.

Bell, D. A.
See Guan, J. W.

Benos, A. and Tzafestas, E.
Alternative Distributed Models for the Comparative Study of Stock Market Phenomena, 99:137

Berry, M. W.
See Letsche, T. A.

Bestavros, A.
Load Profiling in Distributed Real-Time Systems, 101:1

Bhatia, P. K.
On Measures of Information Energy, 97:233

Boger, Z.
Experience in Industrial Plant Model Development Using Large-Scale Artificial Neural Networks, 101:203

Bonarini, A. and Sassaroli, P.
Opportunistic Multimodel Diagnosis with Imperfect Models, 103:161

Bonarini, A. and Sassaroli, P.
Uncertainty and Approximation in Multimodel Diagnosis, 103:187

Born, E., Delica, T., Ehrl, W., Richter, L. and Riedl, R.
Characterization of Workloads for Distributed DB/DC-Processing, 97:5

Boudriga, N.
See Ahmed, C. B.

Burger, A., Kumar, V. and Hines, M. L.
Performance of Multiversion and Distributed Two-Phase Locking Concurrency Control Mechanisms in Distributed Databases, 96:129

Cai, J.
See Tan, K.-L.

Camp, T., Lusth, J. C. and Matocha, J.
Locating Group Members in a Mobile Environment, 100:49

Candan, K. S., Grant, J. and Subrahmanian, V. S.
A Unified Treatment of Null Values Using Constraints, 98:99

Chabridon, S. and Gelenbe, E.
Scheduling of Distributed Tasks for Survivability of the Application, 97:179

Chakraborty, S.
See Pal, N. R.

Chaney, C. W.
See Son, S. H.

Chang, C.-C., Lou, D.-C. and Wu, T.-C.
A Binary Access Control Method Using Prime Factorization, 96:15

PII S0020-0255(97)00171-0

Chang, C.-J., Lai, A., Lee, S.-J. and Lai, W.-K.
Early Detection of Cycles with Pseudo-End-Station in Fasnet Networks, 101:29
Chang, J.-M., Hsu, C.-C., Wang, Y.-L. and Ho, T.-Y.
Finding the Set of All Hinge Vertices for Strongly Chordal Graphs in Linear Time, 99:173
Chang, J.-W.
See Kim, J.-K.
Chen, C. H.
See Cheng, H. D.
Chen, C.-T.
See Hsu, H.-M.
Chen, J. K., Huang, Y. F. and Chin, Y. H.
A Study of Concurrent Operations on R-Trees, 98:263
Chen, J.-R.
See Cheng, H. D.
Chen, L.-H.
An Extended Rule-Based Inference for General Decision-Making Problems, 102:111
Cheng, H. D. and Chen, J.-R.
Automatically Determine the Membership Function Based on the Maximum Entropy Principle, 96:163
Cheng, H. D. and Lui, Y. M.
Automatic Bandwidth Selection of Fuzzy Membership Functions, 103:1
Cheng, H. D., Chen, C. H. and Chiu, H. H.
Image Segmentation Using Fuzzy Homogeneity Criterion, 98:237
Chin, Y. H.
See Chen, J. K.
Chiu, H. H.
See Cheng, H. D.
Chung, C.-M. and Shih, T. K.
On Automatic Generation of Multimedia Presentations, 97:293
Chung, C.-M., Shih, T. K. and Wang, C.-C.
Object-Oriented Software Testing and Metric in *Z* Specification, 98:175
Chung, C.-M., Shih, T. K., Kuo, C.-H. and Lin, W.-C.
Supporting the Reuse of Multimedia Presentations, 101:131
Chung, S. M. and Mah, P. S.
Multidatabase Transaction Management Scheme Supporting Multiple Subtransactions of a Global Transaction at a Site, 97:241

Das, P.
On Some Properties of Fuzzy Semiautomaton over a Finite Group, 101:71
Das, S.
A Biologically Motivated Neural Network Architecture for Visuomotor Control, 96:27
David, R.
See Son, S. H.
De Bonis, A., Gargano, L. and Vaccaro, U.
Group Testing with Unreliable Tests, 96:1
Delica, T.
Modeling of Some Plain Load Distribution Strategies for Jobs in a Multicomputer System, 97:35
Delica, T.
See Born, E.
Devirmiş, T. and Ulusoy, Ö.
Design and Evaluation of a New Transaction Execution Model for Multidatabase Systems, 102:203
Dierkes, S.
Load Balancing with a Fuzzy-Decision Algorithm, 97:159
Dimitrijević, V. and Šarić, Z.
An Efficient Transformation of the Generalized Traveling Salesman Problem into the Traveling Salesman Problem on Digraphs, 102:105
Ding, Z., Ma, M. and Kandel, A.
Existence of the Solutions of Fuzzy Differential Equations with Parameters, 99:205

Ehrl, W.
See Born, E.
Elmaghraby, A. S.
See Kantardzić, M. M.

Feldkamp, L. A., Puskorius, G. V. and Moore, P. C.
Adaptive Behavior from Fixed Weight Networks, 98:217

Furuhashi, T., Miyata, Y., and Uchikawa, Y.
A New Approach to Genetic Based Machine Learning for Efficient Local Improvement and Its Application to a Graphic Problem, 103:87

Gargano, L.
See De Bonis, A.
Gelenbe, E.
See Aguilar, J.
Gelenbe, E.
See Chabridon, S.
Gelenbe, E.
See Houstis, C.
Georgiannakis, G.
See Nikolaou, C. N.
Ghribi, S., Abdennadher, A. and Jaoua, A.
Increasing Software Reliability Using a Signature Method, 99:235
Gisolfi, A.
See Loia, V.
Grant, J.
See Candan, K. S.
Gray, A. R.
See Kasabov, N. K.
Guan, J. W. and Bell, D. A.
Approximate Reasoning and Evidence Theory, 96:207
Guan, J. W., Guan, Z. and Bell, D. A.
Bayesian Probability on Boolean Algebras and Applications to Decision Theory, 97:267
Guan, Z.
See Guan, J. W.
Gupta, D., Malloy, B. and McRae, A.
The Complexity of Scheduling for Data Cache Optimization, 100:27

He, X.
See Yao, W.
Hines, M. L.
See Burger, A.
Hirota, K.
See Kasabov, N.
Hirota, K.
See Uehara, K.
Ho, T.-Y.
See Chang, J.-M.
Hong, K.-H., Lee, Y.-J. and Whang, K.-Y.
Dynamically Ordered Semi-Naive Evaluation of Recursive Queries, 96:237
Houstis, C., Kapidakis, S., Markatos, E. P. and Gelenbe, E.
Execution of Compute-Intensive Applications into Parallel Machines, 97:83
Howarth, M.
See Lotfi, A.
Hsu, C.-C.
See Chang, J.-M.
Hsu, H.-M. and Chen, C.-T.
Fuzzy Credibility Relation Method for Multiple Criteria Decision-Making Problems, 96:79
Huang, K. and Wu, J.
Fault-Tolerant Resource Placement in Balanced Hypercubes, 99:159
Huang, Y. F.
See Chen, J. K.
Huarng, K.
Heuristic Resolution for Multiple Inheritance in Object-Oriented Expert System Building Tools, 98:43
Hyun, S. J. and Su, S. Y. W.
Semantics-Based Time-Alignment Operations in Temporal Query Processing and Optimization, 103:37

Jacomet, M., Stahel, A. and Wälti, R.
On-Line Optimization of Fuzzy Systems, 98:301
Jagota, A.
See Kaznachey, D.
Jaoua, A.
See Ajroud, H. B.
Jaoua, A.
See Ghribi, S.
Jaoua, A.
See Khchérif, R.

Kandel, A.
See Ding, Z.
Kangsabanik, P., Mall, R. and Majumdar, A. K.
A Technique for Modeling Applications in Active Object Oriented Database Management Systems, 102:67

Kantardzić, M. M. and Elmaghraby, A. S.
Logic-Oriented Model of Artificial Neural Networks, 101:85
Kapidakis, S.
See Houstis, C.
Kasabov, N. and Hirota, K.
Special Issue on Advanced Neuro-Fuzzy Techniques and Their Applications: Introduction, 101:153
Kasabov, N. K., Kim, J., Watts, M. J. and Gray, A. R.
FuNN/2—A Fuzzy Neural Network Architecture for Adaptive Learning and Knowledge Acquisition, 101:155
Kaznachey, D. and Jagota, A.
Approximating Minimum Set Cover in a Hopfield-Style Network, 98:203
Khchérif, R. and Jaoua, A.
Rectangular Decomposition Heuristics for Documentary Databases, 102:187
Kim, J.
See Kasabov, N. K.
Kim, J.-H. and Kim, K.-C.
Multicriteria Fuzzy Control Using Evolutionary Programming, 103:71
Kim, J.-K., Lee, C.-H. and Chang, J.-W.
Two-Dimensional Dynamic Signature File Method Using Extendible Hashing and Frame-Slicing Techniques, 98:1
Kim, K.-C.
See Kim, J.-H.
King, C.-T.
See Shau-Yin, T.
Koenig, E. C.
Formal Analysis and Modeling for Communications in Interactive Systems, 96:153
Krishnamurthy, R.
See Pissinou, N.
Kumar, V.
See Burger, A.
Kuo, C.-H.
See Chung, C.-M.
Kuroki, N.
Rough Ideals in Semigroups, 100:139
Kurz, L.
See Li, C. C.-P.

Lai, A.
See Chang, C.-J.
Lai, W.-K.
See Chang, C.-J.
Latifi, S. and Bagherzadeh, N.
On Embedding Rings into a Star-Related Network, 99:21
Lebby, G.
See Li, R. Y.
Lee, C.-H.
See Kim, J.-K.
Lee, J.-H., Lee, Y.-K., Whang, K.-Y. and Song, I.-Y.
A Physical Database Design Method for Multidimensional File Organizations, 102:31
Lee, S.-J.
See Chang, C.-J.
Lee, Y.-J.
See Hong, K.-H.
Lee, Y.-K.
See Lee, J.-H.
Letsche, T. A. and Berry, M. W.
Large-Scale Information Retrieval with Latent Semantic Indexing, 100:105
Li, C. C.-P. and Kurz, L.
A New Approach to the Detection of Moving Objects, 103:115
Li, R. Y., Lebby, G. and Si, H.
A Modified Approach for Constructing the Self-Organized Layer in a Multilayer Feedforward Neural Network, 98:69
Lin, J.-F.
See Tai, S.-C.
Lin, W.-C.
See Chung, C.-M.
Lin, Y.-C.
See Tai, S.-C.
Liu, Q.
See Wei, C.-S.
Loia, V. and Gisolfi, A.
A Distributed Approach for Multiple Model Diagnosis of Physical Systems, 99:247
Lotfi, A. and Howarth, M.
Noninteractive Fuzzy Rule-Based Systems, 99:219
Lou, D.-C.
See Chang, C.-C.
Lui, Y. M.
See Cheng, H. D.

Lusth, J. C.
See Camp, T.

Ma, M.
See Ding, Z.
Maguire, L. P.
See McDaid, L. J.
Mah, P. S.
See Chung, S. M.
Majumdar, A. K.
See Kangsabanik, P.
Makki, K.
See Pissinou, N.
Mall, R.
See Kangsabanik, P.
Malloy, B.
See Gupta, D.
Mandavilli, S. and Patnaik, L. M.
On an Exact Populationary Model of Genetic Algorithms, 99:37
Marazakis, M.
See Nikolaou, C. N.
Margaritis, K. G.
See Tsadiras, A. K.
Markatos, E. P.
See Houstis, C.
Matocha, J.
See Camp, T.
Mavronicolas, M.
Balancing Networks: State of the Art, 97:125
McDaid, L. J., McGinnity, T. M. and Maguire, L. P.
Hardware Implementation of a Membership Function Generator for Fuzzy Reasoning, 96:93
McGinnity, T. M.
See McDaid, L. J.
McRae, A.
See Gupta, D.
Meyer zu Bexten, E.
See Moraga, C.
Michaelis, B.
See Seiffert, U.
Miyata, Y.
See Furuhashi, T.
Moore, P. C.
See Feldkamp, L. A.
Moraga, C. and Meyer zu Bexten, E.
Fuzzy Knowledge-Based Genetic Algorithms, 103:101
Mordeson, J. N.
See Alkhamees, Y.

Nagamatsu, M.
See Yanaru, T.
Nakamura, A. and Rosenfeld, A.
Digital Calculus, 98:83
Nakamura, S.
See Uchino, E.
Narayan, S.
On the Behavior of *K*-out-of-*N* Hopfield Networks, 96:183
Narayan, S.
The Generalized Sigmoid Activation Function: Competitive Supervised Learning, 99:69
Ng, P. A.
See Wei, C.-S.
Nikolaou, C. N. and Richter, L.
Special Issue on Load Balancing in Distributed Systems: Introduction, 97:1
Nikolaou, C. N., Marazakis, M. and Georgiannakis, G.
Transaction Routing for Distributed OLTP Systems: Survey and Recent Results, 97:45
Nose, M.
See Shibata, T.

Obaidat, M. S. and Sadoun, B.
A Simulation Evaluation Study of Neural Network Techniques to Computer User Identification, 102:239

Pal, N. R., Chakraborty, S. and Bagchi, A.
RID3: An ID3-Like Algorithm for Real Data, 96:271
Patnaik, L. M.
See Mandavilli, S.
Perrizo, W.
See Yao, W.
Pham, T. D. and Yan, H.
A Kriging Fuzzy Integral, 98:157

Pissinou, N., Makki, K. and Krishnamurthy, R.
An ECA Object Service to Support Active Distributed Objects, 100:63
Puskorius, G. V.
See Feldkamp, L. A.

Ras, Z. W.
Collaboration Control in Distributed Knowledge-Based Systems, 96:193
Reid, A. K. and Staddon, J. E. R.
A Reader for the Cognitive Map, 100:217
Reischer, C., Simovici, D. A., Stojmenovic, I. and Tosic, R.
A Characterization of Boolean Collections of Set-Valued Functions, 99:195
Richter, L.
See Born, E.
Richter, L.
See Nikolaou, C. N.
Riedl, R.
See Born, E.
Rochet, S.
Epistasis in Genetic Algorithms Revisited, 102:133
Rosenfeld, A.
See Nakamura, A.
Rosenfeld, A.
Visibility of "Tame" Terrain, 102:157

Sadoun, B.
See Obaidat, M. S.
Šarić, Z.
See Dimitrijević, V.
Sassaroli, P.
See Bonarini, A.
Schiemann, B.
Exploiting Interface Definition Languages for Load Balancing, 97:221
Seiffert, U. and Michaelis, B.
Estimating Motion Parameters with Three-Dimensional Self-Organizing Maps, 101:187
Shau-Yin, T., King, C.-T. and Yang, C. Y.
Finding the Maximum Grid Convex Polygon for a Convex Region on the Plane, 98:27
Shibata, T., Abe, T., Tanie, K. and Nose, M.
Motion Planning by Genetic Algorithm for a Redundant Manipulator Using a Model of Criteria of Skilled Operators, 102:171
Shih, T. K.
See Chung, C.-M.
Shirahama, N.
See Yanaru, T.
Si, H.
See Li, R. Y.
Simovici, D. A.
See Reischer, C.
Son, S. H., David, R. and Chaney, C. W.
Design and Analysis of an Adaptive Policy for Secure Real-Time Locking Protocol, 99:101
Song, I.-Y.
See Lee, J.-H.
Staddon, J. E. R.
See Reid, A. K.
Stahel, A.
See Jacomet, M.
Stoica, I.
See Abdel-Wahab, H.
Stojmenovic, I.
See Reischer, C.
Su, S. Y. W.
See Hyun, S. J.
Subrahmanian, V. S.
See Candan, K. S.
Sultan, F.
See Abdel-Wahab, H.

Tai, S.-C., Lin, Y.-C., and Lin, J.-F.
Single Bit-Map Block Truncation Coding of Color Images Using a Hopfield Neural Network, 103:211
Takayama, M.
See Yamakawa, T.
Tan, K.-L. and Cai, J.
Broadcast-Based Group Invalidation: An Energy-Efficient Cache Invalidation Strategy, 100:229
Tang, C. Y.
See Shau-Yin, T.
Tang, C. Y.
See Yen, W. C. K.

Tanie, K.
See Shibata, T.
Tosic, R.
See Reischer, C.
Tsadiras, A. K. and Margaritis, K. G.
Cognitive Mapping and Certainty Neuron Fuzzy Cognitive Maps, 101:109
Tzafestas, E.
See Benos, A.

Uchikawa, Y.
See Furuhashi, T.
Uchino, E., Nakamura, S. and Yamakawa, T.
Nonlinear Modeling and Filtering by RBF Network with Application to Noisy Speech Signal, 101:177
Uchino, E.
See Yamakawa, T.
Uehara, K. and Hirota, K.
Parallel Fuzzy Inference Based on α-Level Sets and Generalized Means, 100:165
Ulusoy, Ö.
See Devirmiş, T.

Vaccaro, U.
See De Bonis, A.

Wälti, R.
See Jacomet, M.
Wang, C.-C.
See Chung, C.-M.
Wang, J. T. L.
See Wei, C.-S.
Wang, Y.-L.
See Chang, J.-M.
Watts, M. J.
See Kasabov, N. K.
Wei, C.-S., Liu, Q., Wang, J. T. L. and Ng, P. A.
Knowledge Discovering for Document Classification Using Tree Matching in TEXPROS, 100:255
Whang, K.-Y.
See Hong, K.-H.
Whang, K.-Y.
See Lee, J.-H.
Wierman, M. J.
Central Values of Fuzzy Numbers—Defuzzification, 100:207
Williams, M.-A.
See Antoniou, G.
Wilson, K.
See Abdel-Wahab, H.
Wu, H.-C.
Fuzzy Reliability Analysis Based on Closed Fuzzy Numbers, 103:135
Wu, J.
See Huang, K.
Wu, T.-C.
See Chang, C.-C.

Yager, R. R.
On a Class of Weak Triangular Norm Operators, 96:47
Yamakawa, T., Uchino, E. and Takayama, M.
An Approach to Designing the Fuzzy IF–THEN Rules for Fuzzy-Controlled Static Var Compensator (FCSVC), 101:249
Yamakawa, T.
See Uchino, E.
Yan, H.
See Pham, T. D.
Yanaru, T., Shirahama, N., Yoshida, K. and Nagamatsu, M.
An Emotion Processing System Based on Fuzzy Inference and Subjective Observations, 101:217
Yao, W., Perrizo, W., and He, X.
An Improved Algorithm for Concurrency Control in Distributed Database Systems, 103:23
Yen, W. C. K. and Tang, C. Y.
An Optimal Algorithm for Solving the Searchlight Guarding Problem on Weighted Interval Graphs, 100:1
Yoshida, K.
See Yanaru, T.

Adaptive Behavior from Fixed Weight Networks
(Feldkamp), 98:217
Alternative Distributed Models for the Comparative Study of Stock Market Phenomena
(Benos), 99:137
Approach to Designing the Fuzzy IF–THEN Rules for Fuzzy-Controlled Static Var Compensator (FCSVC), An
(Yamakawa), 101:249
Approximate Reasoning and Evidence Theory
(Guan), 96:207
Approximating Minimum Set Cover in a Hopfield-Style Network
(Kaznachey), 98:203
Automatic Architectural Abstraction
(Ajroud), 96:107
Automatic Bandwidth Selection of Fuzzy Membership Functions
(Cheng), 103:1
Automatic Generation of Multimedia Presentations, On
(Chung), 97:293
Automatically Determine the Membership Function Based on the Maximum Entropy Principle
(Cheng), 96:163

Balancing Networks: State of the Art
(Mavronicolas), 97:125
Bayesian Probability on Boolean Algebras and Applications to Decision Theory
(Guan), 97:267
Behavior of *K*-out-of-*N* Hopfield Networks, On the
(Narayan), 96:183
Binary Access Control Method Using Prime Factorization, A
(Chang), 96:15
Biologically Motivated Neural Network Architecture for Visuomotor Control, A
(Das), 96:27
Broadcast-Based Group Invalidation: An Energy-Efficient Cache Invalidation Strategy
(Tan), 100:229

Central Values of Fuzzy Numbers—Defuzzification
(Wierman), 100:207
Characterization of Boolean Collections of Set-Valued Functions, A
(Reischer), 99:195
Characterization of Workloads for Distributed DB/DC-Processing
(Born), 97:5
Class of Weak Triangular Norm Operators, On a
(Yager), 96:47
Cognitive Mapping and Certainty Neuron Fuzzy Cognitive Maps
(Tsadiras), 101:109
Collaboration Control in Distributed Knowledge-Based Systems
(Ras), 96:193
Complexity of Scheduling for Data Cache Optimization, The
(Gupta), 100:27

Design and Analysis of an Adaptive Policy for Secure Real-Time Locking Protocol
(Son), 99:101
Design and Evaluation of a New Transaction Execution Model for Multidatabase Systems
(Devirmiş), 102:203
Digital Calculus
(Nakamura), 98:83
Distributed Approach for Multiple Model Diagnosis of Physical Systems, A
(Loia), 99:247
Dynamically Ordered Semi-Naive Evaluation of Recursive Queries
(Hong), 96:237

Early Detection of Cycles with Pseudo-End-Station in Fasnet Networks
(Chang), 101:29
ECA Object Service to Support Active Distributed Objects, An
(Pissinou), 100:63
Efficient Transformation of the Generalized Traveling Salesman Problem into the Traveling Salesman Problem on Digraphs, An
(Dimitrijević), 102:105

PII S0020-0255(97)00172-2

Embedding Rings into a Star-Related Network, On
(Latifi), 99:21
Emotion Processing System Based on Fuzzy Inference and Subjective Observations, An
(Yanaru), 101:217
Epistasis in Genetic Algorithms Revisited
(Rochet), 102:133
Estimating Motion Parameters with Three-Dimensional Self-Organizing Maps
(Seiffert), 101:187
Exact Populationary Model of Genetic Algorithms, On an
(Mandavilli), 99:37
Execution of Compute-Intensive Applications into Parallel Machines
(Houstis), 97:83
Existence of the Solutions of Fuzzy Differential Equations with Parameters
(Ding), 99:205
Experience in Industrial Plant Model Development Using Large-Scale Artificial Neural Networks
(Boger), 101:203
Exploiting Interface Definition Languages for Load Balancing
(Schiemann), 97:221
Extended Rule-Based Inference for General Decision-Making Problems, An
(Chen), 102:111

Fault-Tolerant Resource Placement in Balanced Hypercubes
(Huang), 99:159
Finding the Maximum Grid Convex Polygon for a Convex Region on the Plane
(Shau-Yin), 98:27
Finding the Set of All Hinge Vertices for Strongly Chordal Graphs in Linear Time
(Chang), 99:173
Formal Analysis and Modeling for Communications in Interactive Systems
(Koenig), 96:153
FuNN/2—A Fuzzy Neural Network Architecture for Adaptive Learning and Knowledge Acquisition
(Kasabov), 101:155
Fuzzy Credibility Relation Method for Multiple Criteria Decision-Making Problems
(Hsu), 96:79
Fuzzy Knowledge-Based Genetic Algorithms
(Moraga), 103:101
Fuzzy Localized Subrings
(Alkhamees), 99:183
Fuzzy Reliability Analysis Based on Closed Fuzzy Numbers
(Wu), 103:135

Generalized Sigmoid Activation Function: Competitive Supervised Learning, The
(Narayan), 99:69
Group Testing with Unreliable Tests
(De Bonis), 96:1

Hardware Implementation of a Membership Function Generator for Fuzzy Reasoning
(McDaid), 96:93
Heuristic Resolution for Multiple Inheritance in Object-Oriented Expert System Building Tools
(Huarng), 98:43

Image Segmentation Using Fuzzy Homogeneity Criterion
(Cheng), 98:237
Improved Algorithm for Concurrency Control in Distributed Database Systems, An
(Yao), 103:23
Increasing Software Reliability Using a Signature Method
(Ghribi), 99:235

Knowledge Discovering for Document Classification Using Tree Matching in TEXPROS
(Wei), 100:255
Kriging Fuzzy Integral, A
(Pham), 98:157

Large-Scale Information Retrieval with Latent Semantic Indexing
(Letsche), 100:105
Load Balancing with a Fuzzy-Decision Algorithm
(Dierkes), 97:159

Load Profiling in Distributed Real-Time Systems
(Bestavros), 101:1
Locating Group Members in a Mobile Environment
(Camp), 100:49
Logic-Oriented Model of Artificial Neural Networks
(Kantardzić), 101:85

Measures of Information Energy, On
(Bhatia), 97:233
Modeling of Some Plain Load Distribution Strategies for Jobs in a Multicomputer System
(Delica), 97:35
Modified Approach for Constructing the Self-Organized Layer in a Multilayer Feedforward Neural Network, A
(Li), 98:69
Motion Planning by Genetic Algorithm for a Redundant Manipulator Using a Model of Criteria of Skilled Operators
(Shibata), 102:171
Multicriteria Fuzzy Control Using Evolutionary Programming
(Kim), 103:71
Multidatabase Transaction Management Scheme Supporting Multiple Subtransactions of a Global Transaction at a Site
(Chung), 97:241

New Approach to Genetic Based Machine Learning for Efficient Local Improvement and Its Application to a Graphic Problem, A
(Furuhashi), 103:87
New Approach to the Detection of Moving Objects, A
(Li), 103:115
Noninteractive Fuzzy Rule-Based Systems
(Lotfi), 99:219
Nonlinear Modeling and Filtering by RBF Network with Application to Noisy Speech Signal
(Uchino), 101:177

Object-Oriented Software Testing and Metric in *Z* Specification
(Chung), 98:175
On-Line Optimization of Fuzzy Systems
(Jacomet), 98:301
Opportunistic Multimodel Diagnosis with Imperfect Models
(Bonarini), 103:161
Optimal Algorithm for Solving the Searchlight Guarding Problem on Weighted Interval Graphs, An
(Yen), 100:1
Optimal Insertion in Two-Dimensional Arrays
(Ahmed), 99:1

Parallel Fuzzy Inference Based on α-Level Sets and Generalized Means
(Uehara), 100:165
Performance of Multiversion and Distributed Two-Phase Locking Concurrency Control Mechanisms in Distributed Databases
(Burger), 96:129
Physical Database Design Method for Multidimensional File Organizations, A
(Lee), 102:31

Reader for the Cognitive Map, A
(Reid), 100:217
Reasoning with Incomplete and Changing Information: The CIN Project
(Antoniou), 99:83
Rectangular Decomposition Heuristics for Documentary Databases
(Khchérif), 102:187
Reducing Network Latency and Server Load in Hypermedia Systems
(Ahmed), 102:1
RID3: An ID3-Like Algorithm for Real Data
(Pal), 96:271
Rough Ideals in Semigroups
(Kuroki), 100:139

Scheduling of Distributed Tasks for Survivability of the Application
(Chabridon), 97:179
Semantics-Based Time-Alignment Operations in Temporal Query Processing and Optimization
(Hyun), 103:37
Simple Algorithm for Computing Minimum Spanning Trees in the Internet, A
(Abdel-Wahab), 101:47

Simulation Evaluation Study of Neural Network Techniques to Computer User Identification, A
(Obaidat), 102:239
Single Bit-Map Block Truncation Coding of Color Images Using a Hopfield Neural Network
(Tai), 103:211
Some Properties of Fuzzy Semiautomaton over a Finite Group, On
(Das), 101:71
Special Issue on Advanced Neuro-Fuzzy Techniques and Their Applications: Introduction
(Kasabov), 101:153
Special Issue on Load Balancing in Distributed Systems: Introduction
(Nikolaou), 97:1
Study of Concurrent Operations on R-Trees, A
(Chen), 98:263
Supporting the Reuse of Multimedia Presentations
(Chung), 101:131

Task Assignment and Transaction Clustering Heuristics for Distributed Systems
(Aguilar), 97:199
Technique for Modeling Applications in Active Object Oriented Database Management Systems, A
(Kangsabanik), 102:67
Transaction Routing for Distributed OLTP Systems: Survey and Recent Results
(Nikolaou), 97:45
Two-Dimensional Dynamic Signature File Method Using Extendible Hashing and Frame-Slicing Techniques
(Kim), 98:1

Uncertainty and Approximation in Multimodel Diagnosis
(Bonarini), 103:187
Unified Treatment of Null Values Using Constraints, A
(Candan), 98:99

Visibility of "Tame" Terrain
(Rosenfeld), 102:157